

RMCH138

Recombinant GDNF (Glial-derived neurotrophic factor),
Human , AF



5ug;20ug;100ug;500ug;

| | |
|----------------|--------------------------------------|
| Order | 021-34695924 orders@ab-mart.com |
| Support | 400-6123-828 support1@ab-mart.com |
| Web | www.ab-mart.com.cn |

Synonym/Alternative name(s):

ATF, ATF1, ATF2, HFB1-GDNF, HSCR3

Activity:

Measure by its ability to induce proliferation in SH-SY5Y cells.

The ED50 for this effect is <10 ng/mL.

Protein Description:

Glial cell-derived neurotrophic factor (GDNF) is a protein that, in humans, is encoded by the GDNF gene. GDNF is a small protein that potently promotes the survival of many types of neurons. GDNF, that acts via classical neurotrophic mechanism, has been effective in several pre-clinical models of PD and had some efficacy in parkinsonian patients.

Protein Accession : P39905.1

Gene ID : 2668

Expression Sequence:

MSPDKQMAVLP RRERNRQAAAANPENS RGKRRGQRGK NRGCVLTAIHLNVTDLGLGYETKEELIFRYCSGSCDAAETTYDKILKNLS
RNRRVLSDKVGQACCRPIAFDDDL SFLDDNLVYHILRKHS AKRCGCI with polyhistidine tag at the C-terminus.

Fusion tag : His-tag?at?the?C-terminus

Species : Human

Reactivity : Human

Expression Host : Escherichia coli

Source : E. coli

Purity/method:

>95% as determined by SDS-PAGE.

Ni-NTA chromatography.

Endotoxin level:

<0.1 EU per 1 µg of the protein by the LAL method.

Calculated Molecular Weight : 16.01 kDa

Formulation:

The protein was lyophilized from a solution containing 20 mM sodium citrate, 0.2 M NaCl, pH 3.5.

Reconstitution:

It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Shipping : Blue Ice

Stability and Storage:

Lyophilized protein should be stored at -20°C for 1 year.

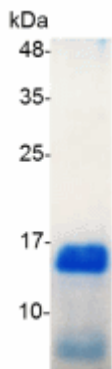
Upon reconstitution, store at 2°C to 8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1%

BSA, 10%FBS, 5%HSA or 5% trehalose solution), protein aliquots should be stored at -20°C or -80°C for 3-6 months.

Category : Cytokines

Application : Cell culture, Elisa

Image:



SDS- PAGE analysis of recombinant human GDNF